Work Order ID 103703

103703

June-27-13 9:54:09 AM

Item ID: D206-558-041 **Accept** *N900040100* **Setup Start** *NS1*

Revision ID: **Stop** *NS2*

Item Name: Single Mirror Installation

Start Date: 6/25/13 **Start Qty:** 1.00 *1* **Cust Item ID:**

Required Date: 6/26/13 **Req'd Qty:** 1.00 *1* **Customer:** CU-DAR001

Reference: RMA RA111545

Run Start *NR1*

Approvals: **Process Plan:** W **Date:** **Tooling:** **Date:** **Stop** *NR2*

QC: **Date:** **SPC (Y/N):** **Date:**

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	**Revision Nbr**								
HN D206-558	Rev C								
100		0.00							
100		0.00				W			
QC	**Memo** M.D.								
Quality Control	INSPECT RA111545								
						DAS 16 9-8	13/06/24		
110		0.00							
110		0.00				1			DAS 05 13.07.24
HandFinish	**Memo**								
Hand Finishing	TOUCH UP MIRROR ARM A/R WITH POWDER COAT AND HEAT GUN. B12348								
120	QC3- Inspect Part Finish	0.00							
120		0.00				1			13.07.24
QC	**Memo**								
Quality Control									

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Item ID: D206-558-041 **Accept** *N900040100* **Setup Start** *NS1*

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Item Name: Single Mirror Installation

Start Date: 6/25/13 **Start Qty:** 1.00 *1*

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Cust Item ID:

Customer: CU-DAR001

Reference: RMA RA111545

Run Start *NR1*

Stop *NR2*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Pick Kit	0.00				1X		11.10	13-07-24
130	Assembly as per PPP								13/7/24
Packaging	**Memo**	0.00							
Packaging	ADD MISSING PARTS TO KIT: 4 X AN3-4A B_____ 1 X D2011-101 B_____								
140	QC4- 100% Inspect kits for completeness	0.00				1			
140									
QC	**Memo**	0.00							
Quality Control									
150	Identify as per dwg & Stock Location:_____	0.00				1	2	13-8-14	
150									
Packaging	**Memo**	0.00							
Packaging	REPACKAGE PER PPP USING NEW B/N NEW LABELS AND PAPERWORK REQ'D CHG009								

DAS 27

13 8.14

Work Order ID 103703

103703

June-27-13 9:54:09 AM

Item ID: D206-558-041 **Accept** *N900040100* **Setup Start** *NS1*

Revision ID: **Stop** *NS2*

Item Name: Single Mirror Installation

Start Date: 6/25/13 **Start Qty:** 1.00 *1*

Required Date: 6/26/13 **Req'd Qty:** 1.00 *1*

Cust Item ID:

Customer: CU-DAR001

Reference: RMA RA111545

Run Start *NR1*

Stop *NR2*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC21- Final Inspection - Work Order Release	0.00							
160									
QC	**Memo**	0.00							
Quality Control									

MCJ 13-08-15

QC 13.8.14

Picklist Print

June-27-13 9:54:09 AM

Work Order ID: 103703

Parent Item: D206-558-041

Parent Item Name: Single Mirror Installation

Start Date: 6/25/13 **Required Date:** 6/26/13

Start Qty: 1.00 **Required Qty:** 1.00

Comments: IPP F02.09.19Re-format; Incorporated D2065KJ
IPP Rev:G 08-05-14 now @ chg006/ add D3778-1 per ECN1171 DD verified:ec
IPP Rev:H 08-08-19 now @ chg 007 DD verified by:ec IPP Rev:I 10.03.17 add pick kit
DD verified by:JLM IPP REV:J 11.01.19 AS PER CHG009 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-4A Bolt		Purchased	No				Each	689.0000					

Location		Loc Qty	Loc Code
ST350		124	
	120308	80	
	122814	38	
	124858	6	
ST512		565	
	120770	3	
	123900	1	
	125445	561	

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2011-101 MIRROR		Manufactured	No				Each	70.0000					

Location		Loc Qty	Loc Code
ST179		50	
	100741	50	
ST229		20	
	89784	10	
	98267	10	

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D206-558-041 Single Mirror Installation		Manufactured	No				Each	1.0000					

Location		Loc Qty	Loc Code
FG042		1	
	94774	1	

95432 1

RA 111545 D206-558-041 B95432

Received @ Dart June 12th, 2013
Inspected@ Dart June 24th, 2013

CUSTOMER: LEAD AIR INC.
CUSTOMER CONTACT: JOHN HYNES
SHIPPED FROM: KISSIMMEE FL, USA

Instructions for RA 111545 D206-558-041 B95432 CHG 009

- Still at CHG009
- Missing AN3-4A bolts
- Mirror arm needs touch ups
 - To be done only by Matt M with heat gun
- Needs new D2011-101 due to being removed with pliers
- Needs new labels and paper work
- Needs new Batch # for re working

Time Estimate = 4 HOURS
Departments Required: Stores & Finishing
Pictures Attached = YES
QTY INSPECTED = x1 D206-558-041 B95432

D2071 B~~88~~ 74112

THIS INSTRUCTION SHEET MUST BE ATTACHED TO THE RESTOCKING WORK ORDER AT ALL TIMES!!!!

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

DART AEROSPACE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐ ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function
☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

DART AEROSPACE

1270 Aberdeen Street
Hawkesbury Ontario K6A 1K7

RETURN AUTHORIZATION

Date: 10-May-13
Customer Name: Lead Air Inc.
Customer Code: LEAD05
Telephone No: 407-433-4705
E-mail Address: johnh@trackair.com
Contact Name. John Hynes
Issued by: Lisa McMachen

DART RA Number: **RA111545**
DHS RA Number:
DHS PO #: PO5615
DART Invoice #: INV111593
Customer Ref: Verbal 12/04/13
PAR/CAR/NCR/SQ: N/A

Quantity	Part Number	Description	Batch Number
1	D206-558-041	Single Cargo Mirror Assembly, 6 inch Round	B95432

Reason for Return: Returning the kit - doesn't want to risk wiring the mirror push-pull cable through the chin bubble window. He's not comfortable with the reduced edge distance between the hole required and the edge of the window.

Credit Instructions:
■ *Full credit*
☐ *None*

Return Instructions:
Commerical Invoice Yes ☐
Documentation (STC/ARC/ICA) Yes ■
Packing Slip Yes ■

Include on Commerical Invoice:
Part Number/Description / Value in USD
Parts are aircraft parts / return to Manufacturer

Shipping Instructions: Prepaid YES Collect ____ Courier ____
Account # ____

RECEIVING RETURN AUTHORIZATION

Receiver: [signature] Condition of Packaging: Good
Date: 13/6/12 Freight Company: Fedex Ground

Paperwork: RA / NONE — P/L — Photograph Required: Yes / No

Quantity	Part Number	Batch	QC Verification	CHG #	W/O#	Disposition
1	D206-558-041	B95432			103703	

QC Inspector: AS
Date: 16 13/6/24

Photograph Attached: Yes (circled) / No

Condition: Sealed | Complete | Short H/W | Short Kit | No P/W | Damaged

QC Comments: X-See attached Re Form From QC.

Special Return/Rework Instructions:

Issue Credit: Yes No CN112456
GM Approval: [signature] Date: ____

Invoice Amount: $814.20
Restocking Fee: ____
Freight: ____
Net Credit: ____

Quality Assurance: Close Date:

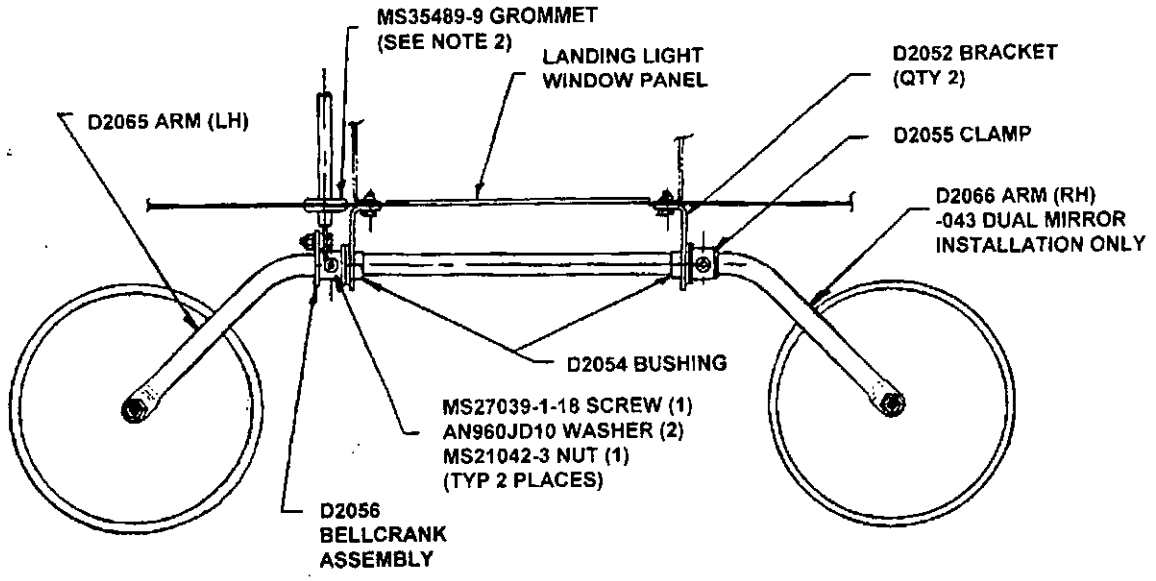


***Figure 25.2** – View A: Looking Aft.*
(D206-558-043 Mirror Shown)

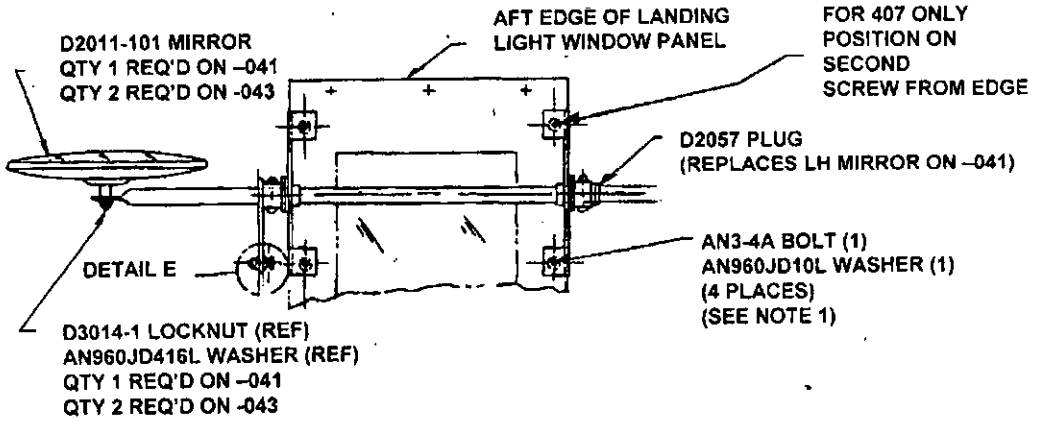


***Figure 25.3** – View C: Looking Down on Mirror Installation*
(D206-558-041 Mirror Shown)

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REFERENCE ONLY

4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D206-558-041 Bell 206A/B/L/L1/L3/L4 Bell 407	2.4 lb 1.09 Kg	+5.0 in +0.13 m	+12.0 in-lb +0.14 m-Kg	+14.8 in +0.38 m	+35.5 in-lb +0.41 m-Kg
D206-558-043 Bell 206A/B/L/L1/L3/L4 Bell 407	3.0 lb 1.36 Kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-Kg	+14.8 in +0.38 m	+44.4 in-lb +0.52 m-Kg

5.0 WEIGHT AND BALANCE

Qty -041	Qty -043	Part Number	Description
X		LD206-558-041	.SINGLE CARGO MIRROR ASSEMBLY
	X	D206-558-043	DUAL CARGO MIRROR ASSEMBLY
1	2	D3014-1	* LOCKNUT
1	1	D2071	CABLE ASSEMBLY
2	2	D2054	BUSHING
1	1	D2067	CONNECTOR
	1	D2066	ARM
1		D2065	ARM
1		D2057	PLUG
1	1	D2056	BELLCRANK ASSEMBLY
1	1	D2055	CLAMP
1	1	D2053	BRACKET
2	2	D2052	BRACKET
1	2	D2011-101	MIRROR ASSEMBLY
4	4	AN3-4A	BOLT
4	4	AN526-1032R9	SCREW
1	2	AN960JD416L	* WASHER
4	4	AN960JD10	WASHER
6	6	AN960JD10L	WASHER
3	3	MS21042-3	NUT (or MS21042L3)
2	2	MS21919DG5	CLAMP
2	2	MS27039-1-18	SCREW
1	1	MS35489-9	GROMMET

* INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

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Work Order ID 103703

103703

June-27-13 9:54:09 AM

Item ID: D206-558-041 **Accept** *N900040100* **Setup Start** *NS1*

Revision ID: **Stop** *NS2*

Item Name: Single Mirror Installation

Start Date: 6/25/13 **Start Qty:** 1.00 *1*

Required Date: 6/26/13 **Req'd Qty:** 1.00 *1*

Cust Item ID:

Customer: CU-DAR001

Reference: RMA RA111545

Approvals: **Process Plan:** ✓ **Date:** _____ **Tooling:** _____ **Date:** _____

QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	**Revision Nbr**								
IIN D206-558	Rev C								
100		0.00							MLS 13-07-25
100									
QC	Memo M.D.	0.00	DAS 16 9-8s						
Quality Control	INSPECT RA111545								13/06/24
110		0.00							
110									
HandFinish	Memo	0.00				1			DAS 05 13.07.24
Hand Finishing	TOUCH UP MIRROR ARM A/R WITH POWDER COAT AND HEAT GUN B12348								
120	QC3- Inspect Part Finish	0.00							
120									
QC	Memo	0.00				1			13.07.24
Quality Control									